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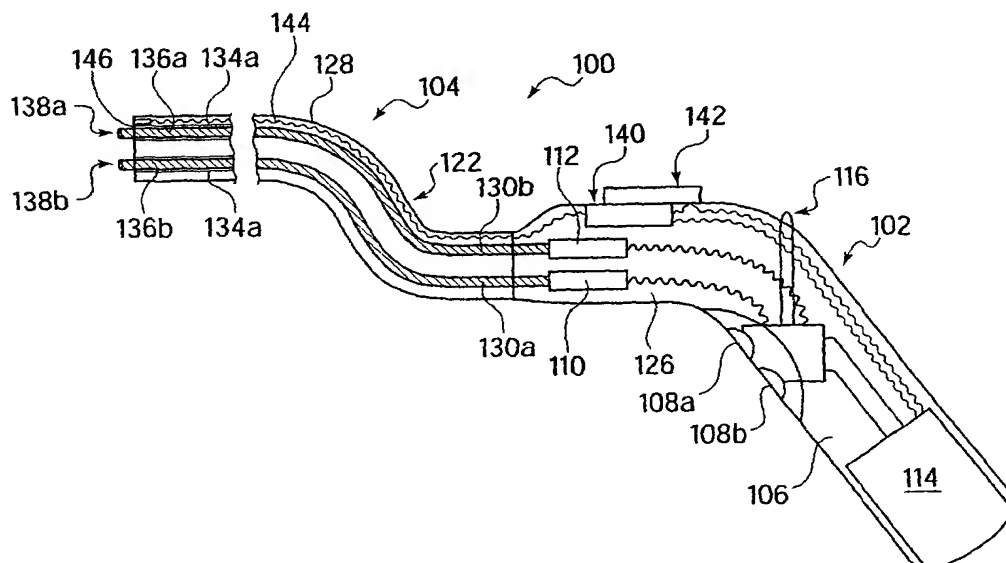
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(54) Title: AN ELECTROMECHANICAL DRIVER AND REMOTE SURGICAL INSTRUMENT ATTACHMENT HAVING COMPUTER ASSISTED CONTROL CAPABILITIES



(57) Abstract: A medical tool comprising an electromechanical driver and a surgical instrument attachment for use in invasive surgery, including a handle coupled to a flexible sheath which is in turn coupled to a surgical attachment. The handle of the driver includes the electromechanical driver and at least one processor element which controls the actions of the electromechanical driver, and therefore the application elements of the surgical attachment, based on information relayed between the processor element and remotely activatable sensor assemblies in the surgical instrument attachment.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 01/05445

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61B17/115 A61B17/072 A61B17/11

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	---	1,2,5
Y	US 5 667 517 A (HOOVEN MICHAEL DAWSON) 16 September 1997 (1997-09-16) column 4, line 43 - line 62; figure 3 column 7, line 52 -column 8, line 15; figure 17 figure 11	1-6,8-14
Y	US 5 460 182 A (GOLDBERGER DANIEL S ET AL) 24 October 1995 (1995-10-24) column 8, line 13 - line 29; figure 1A --- -/--	1-6,8-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	<p>WO 00 72765 A (POWERMED INC)  7 December 2000 (2000-12-07)  page 12, line 30 -page 15, line 12; figure  3</p> <p>-----</p>	1-14

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